INTERNATIONAL SEARCH REPORT

International Application No
/DE2005/000572

| 0.400 | | | 1-1/02200 | | |
|--|--|---|--|---|--|
| A. CLASSI | HO5B37/02 HO5B33/08 | | | | |
| According to | o International Patent Classification (IPC) or to both national classifi | ication and IPC | | | |
| | SEARCHED | | | | |
| IPC 7 | cumentation searched (classification system followed by classifica H05B | | | | |
| | tion searched other than minimum documentation to the extent that | | | | |
| EPO-In | ata base consulted during the international search (name of data b | ase and, where practical, | search terms used | | |
| C DOCUM | ENTS CONSIDERED TO BE RELEVANT | | | | |
| | | | | | |
| Category ° | Citation of document, with indication, where appropriate, of the re | elevant passages | | Relevant to claim No. | |
| Υ | WO 01/82656 A (DICKIE, ROBERT, G T., KIRKWOOD; VAN TUYL, DAVID, J 1 November 2001 (2001-11-01) page 6, line 10 - page 11, line 1 | 30; figure | | 1-14 | |
| | page 13, line 25 - page 14, line | 16 | | | |
| Υ | US 2002/171377 A1 (MUELLER GEORG 21 November 2002 (2002-11-21) paragraph '0126!; figures 2-4 | E G ET AL) | | 1-14 | |
| Y A | US 6 445 139 B1 (MARSHALL THOMAS 3 September 2002 (2002-09-03) column 2, line 64 - column 3, li figure 2 | · | | 1 2-14 | |
| A | US 5 089 748 A (IHMS ET AL) 18 February 1992 (1992-02-18) the whole document | | | 1-14 | |
| Furth | ner documents are listed in the continuation of box C. | X Patent family m | nembers are listed in | ı annex. | |
| ° Special ca | tegories of cited documents : | total deciment nubli | The International Internationa | | |
| "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "I" later document published after the international or priority date and not in conflict with the application but clted to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention | | | | | |
| *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or cannot be considered novel or cannot be considered to involve an involve a | | | | be considered to current is taken alone aimed invention rentive step when the | |
| other n *P* docume later th | neans ent published prior to the international filing date but ean the priority date claimed | ments, such combined to the art. *& document member of | ination being obviou | s to a person skilled | |
| Date of the a | actual completion of the International search | Date of mailing of th | ie international sear | ch report | |
| | 4 July 2005 | 16/09/20 | 005 | | |
| Name and m | nailing address of the ISA European Palent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel (+31–70) 340–3040 Tv. 31,651 opp. pl | Authorized officer | | | |
| i i | Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Henderso | on. R | | |

Form PCT/iSA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
/DE2005/000572

| | · · · · · · · · · · · · · · · · · · · | | | | P-7 DE 2005 / 0005 / 2 | |
|--|---------------------------------------|---------------------|-------------|--------------------------|------------------------|--------------------------|
| Patent document cited in search report | | Publication date | | Patent family member(s) | - | Publication date |
| WO 0182656 | Α | 01-11-2001 | WO | 0182656 | A1 | 01-11-2001 |
| | | • | CA | 2387090 | A1 | 01-11-2001 |
| | | | EP | 1325670 | | 09-07-2003 |
| | | | JP | 2003532978 | T | 05-11-2003 |
| US 2002171377 | A1 | 21-11-2002 | US | 6806659 | B1 | 19-10-2004 |
| | | | US | 6150774 | Α | 21-11-2000 |
| | | | US | 6016038 | | 18-01-2000 |
| | | | US | 6528954 | | 04-03-2003 |
| | | | US | 6459919 | | 01-10-2002 |
| | | | US US | 2001028227 2003076281 | | 11-10-2001 |
| | | | US | 2003076281 | | 24-04-2003 20-06-2002 |
| | | | US | 2002048169 | | 25-04-2002 |
| | | | US | 2002070688 | | 13-06-2002 |
| | | | US | 2002047628 | A1 | 25-04-2002 |
| | | | US | 2002113555 | A1 | 22-08-2002 |
| | | | US | 6166496 | | 26-12-2000 |
| | | | US | 2002047646 | | 25-04-2002 |
| | | | บร | 6781329 | | 24-08-2004 |
| | | | US US | 2002195975 | | 26-12-2002 |
| | | | U\$ | 2005044617 2005035728 | | 03-03-2005 17-02-2005 |
| | | | US | 2003033728 | | 21-11-2002 |
| | | | US | 2002163316 | | 07-11-2002 |
| | | | US | 6774584 | | 10-08-2004 |
| | | | U\$ | 2002153851 | A1 | 24-10-2002 |
| | | | US | 2002130627 | | 19-09-2002 |
| | | | US | 2002171378 | | 21-11-2002 |
| | | | US | 2003057886 | | 27-03-2003 |
| | | | US | 2004212320 | | 28-10-2004 |
| | | | US US | 2003057887 2003057890 | | 27-03-2003 27-03-2003 |
| | | | US | 2003037890 | | 24-07-2003 |
| | | | US | 2004052076 | | 18-03-2004 |
| | | | US | 2003222587 | | 04-12-2003 |
| | | | U\$ | 2004090191 | | 13-05-2004 |
| | | | US | 2004178751 | | 16-09-2004 |
| | | | US | 2004240890 | | 02-12-2004 |
| | | | US | 2004212993 | | 28-10-2004 |
| | | | US US | 2005047132 2005062440 | | 03-03-2005 |
| | | | US | 2003002440 | | 24-03-2005 25-04-2002 |
| | | | US | 2002047509 | | 20-06-2002 |
| | | | US | 2002101200 | | 01-08-2002 |
| | | | US | 2005047134 | | 03-03-2005 |
| | | | US | 2002057061 | | 16-05-2002 |
| | | | US | 2002158583 | | 31-10-2002 |
| | | | US | 2002152045 | | 17-10-2002 |
| | | | US | 2002101197 | • | 01-08-2002 |
| | | | US US | 6897624 6548967 | | 24-05-2005 15-04-2003 |
| | | | AT | 222013 | | 15-04-2003 15-08-2002 |
| | | | ΑÜ | 757000 | | 30-01-2003 |
| | | | AU | 9206098 | | 16-03-1999 |
| IIC GAAET 20 | | 02 00 0000 | | | | 00 10 000 |
| US 6445139 | B1 | 03-09-2002 | US CN | 6127783 | | 03-10-2000 |
| | · · · · · · · · · · · · · · · · · · · | | C14 | 1393118 | Α | 22-01-2003 |

Form PCT/ISA/210 (patent family ennex) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
/DE2005/000572

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|--|----|---------------------|----|-------------------------|------------------|
| US 6445139 | B1 | | WO | 0223954 A1 | 21-03-2002 |
| | | | EP | 1321012 A1 | 25-06-2003 |
| | | | JP | 2004509431 T | 25-03-2004 |
| | | | TW | 512548 B | 01-12-2002 |
| | | | CN | 1114095 C | 09-07-2003 |
| | | | DE | 69906260 D1 | 30-04-2003 |
| | | | DE | 69906 26 0 T2 | 04-12-2003 |
| | | | WO | 0037904 A1 | 29-06-2000 |
| | | | EP | 1056993 A1 | 06-12-2000 |
| | | | JP | 2002533870 T | 08-10-2002 |
| | | | US | 6495964 B1 | 17-12-2002 |
| US 5089748 | Α | 18-02-1992 | DE | 4119204 A1 | 16-01-1992 |
| | | | GB | 2246000 A ,B | 15-01-1992 |

Form PCT/ISA/210 (patent family annex) (January 2004)